

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Prior Application:

Dennis Sungik LEE et al.

Group Art Unit: 2175

Application No.: New Rule 1.53(b) Con.
Appln.

Examiner: David Yiuk JUNG

Filed: January 5, 2004

Attorney Dkt. No.: 58268.00366

For: METHOD AND APPARATUS FOR HIGH SPEED TABLE SEARCH

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

January 5, 2004

Sir:

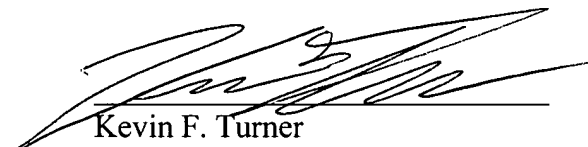
Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the information items listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each item is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the items be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date or the date of filing a CPA, OR (b) before the mailing date of a first Office Action on the merits in the present application, or (c) accompanies a Request for Continued Examination. No certification or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge

after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

- ☐ c. A check in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please charge any fee deficiency or credit any overpayment to Counsel's Deposit Account No. 50-2222 as needed to ensure consideration of the disclosed information.
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check in the amount of \$130.00 in payment of the petition fee under 37 CFR §1.17(i)(1). Please charge any fee deficiency or credit any overpayment to Counsel's Deposit Account No. 50-2222 as needed to ensure consideration of the disclosed information.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in any communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
- ☒ 4. The references were cited by or submitted to the Office in parent application No. 09/800,784, filed March 8, 2001 which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 CFR §1.98(d).

Respectfully submitted,


Kevin F. Turner
Registration No. 43,437

Customer Number 32294
SQUIRE, SANDERS & DEMPSEY LLP
8000 Towers Crescent Drive, 14th Floor
Tysons Corner, Virginia 22182-2700
Telephone: 703-720-7800
Fax: 703-720-7802
KFT:lls
Enclosure: PTO-1449 Form

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 58268.00366	SERIAL NO. New Continuation
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Dennis Sungik LEE et al.	
		FILING DATE January 6, 2003	GROUP 2175

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	5,555,398	Sep. 1996	Raman			
	AB	5,644,784	Jul. 1997	Peek			
	AD	5,828,653	Oct. 1998	Goss			
	AE	5,423,015	Jun. 1995	Chung			
	AF	5,696,899	Dec. 1997	Kalwitz			
	AG	6,061,351	May 2000	Erimli et al.			
	AH	5,748,631	May 1998	Bergantino et al.			
	AI	6,119,196	Sep. 2000	Muller et al.			
	AJ	6,175,902 B1	Jan. 2001	Runaldue et al.			
	AK	5,473,607	Dec. 1995	Hausman et al.			
	AL	5,787,084	Jul. 1998	Hoang et al.			
	AM	5,845,081	Dec. 1998	Rangarajan et al.			
	AN	5,892,922	Apr. 1999	Lorenz			
	AO	5,802,287	Sep. 1998	Rostoker et al.			
	AP	6,011,795	Jan. 2000	Varghese et al.			
	AQ	6,185,185 B1	Feb. 2001	Bass et al.			
	AR	5,524,254	Jun. 1996	Morgan et al.			
	AS	5,987,507	Nov. 1999	Creedon et al.			
	AT	5,831,980	Nov. 1998	Varma et al.			
	AU	5,781,549	Jul. 1998	Dai			
	AV	6,041,053	Mar. 2000	Douceur et al.			
	AW	5,459,717	Oct. 1995	Mullan et al.			
	AX	5,909,686	Jun. 1999	Muller et al.			
	AY	5,887,187	Mar. 1999	Rostoker et al.			
	AZ	5,568,477	Oct. 1996	Galand et al.			
	BA	5,414,704	May 1995	Spinney			
	BB	5,390,173	Feb. 1995	Spinney et al.			
	BC	5,825,772	Oct. 1998	Dobbins et al.			
	BD	5,790,539	Aug. 1998	Chao et al.			

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 58268.00366	SERIAL NO. New Continuation
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Dennis Sungik LEE et al.	
		FILING DATE January 6, 2003	GROUP 2175

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	BE	5,918,074	Jun 1999	Wright et al.			
	BF	5,898,687	Apr. 1999	Harriman et al.			
	BG	5,940,596	Aug. 1999	Rajan et al.			
	BH	5,802,052	Sep. 1998	Venkataraman			
	BI	5,842,038	Nov. 1998	Williams et al.			
	BJ	5,742,613	Apr. 1998	MacDonald			
	BK	5,579,301	Nov. 1996	Ganson et al.			
	BL	5,278,789	Jan. 1994	Inoue et al.			
	BM	5,652,579	Jul. 1997	Yamada et al.			
	BN	5,499,295	Mar. 1996	Cooper			
	BO	5,983,223	Nov. 1999	Perlmann			
	BP	6,523,023	Feb. 2003	Sonnenberg			
	BQ	6,415,285	Jul. 2002	Kitajima et al.			
	BR	6,338,057	Jan. 2002	Weeks			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO PART.		
	BS	WO9900936A1	Jun. 2001	WIPO					
	BT	EP0465090A1	Jan. 1992	EPO					
	BU	EP0859492A2	Aug. 1998	EPO					
	BV	EP0312917A2	Apr. 1989	EPO					
	BW	EP0853441A2	Jul. 1998	EPO					
	BX	4-189023	Jul. 1992	Japan					Abs
	BY	WO 98/09473	Mar. 1998	WIPO					
	BZ	EP0752796A2	Jan. 1997	EPO					
	CA	EP0862349A2	Sep. 1998	EPO					Abs
	CB	FR 2 725 573 - A1	Apr. 1996	France					Abs
	CD	EP0854606A2	Jul. 1998	EPO					
	CE	WO 99/00948	Jan. 1999	WIPO					

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 58268.00366	SERIAL NO. New Continuation
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Dennis Sungik LEE et al.	
		FILING DATE January 6, 2003	GROUP 2175

	CF	WO 99/00949	Jan. 1999	WIPO					
	CG	WO 99/00950	Jan. 1999	WIPO					
	CH	WO 99/00939	Jan. 1999	WIPO					
	CI	WO 99/00938	Jan. 1999	WIPO					
	CJ	WO 99/00944	Jan. 1999	WIPO					
	CK	WO 99/00945	Jan. 1999	WIPO					
	CL	EP0849917A2	Jun. 1998	EPO					
	CM	EP0907300A2	Apr. 1999	EPO					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	CN	"A High-Speed CMOS Circuit for 1.2-Gb/s 16 x 16 ATM Switching," Alain Chemarin et al. 8107 IEEE Journal of Solid-State Circuits 27(1992) July, No. 7, New York, US, pages 1116-1120
	CO	"Local Area Network Switch Frame Lookup Technique for Increased Speed and Flexibility," 700 IBM Technical Disclosure Bulletin 38(1995) July, No. 7, Armonk, NY, US, pages 221-222
	CP	"Queue Management for Shared Buffer and Shared Multi-buffer ATM Switches," Yu-Sheng Lin et al., Department of Electronics Engineering & Institute of Electronics, National Chiao Tung University, Hsinchu, Taiwan, R.O.C., March 24, 1996, pages 688-695
	CQ	"A 622-Mb/s 8 x 8 ATM Switch Chip Set with Shared Multibuffer Architecture," Harufusa Kondoh et al., 8107 IEEE Journal of Solid-State Circuits 28(1993) July, No. 7, New York, US, pages 808-814
	CR	"Catalyst 8500 CSR Architecture," White Paper XP-002151999, Cisco Systems Inc. 1998, pages 1-19
	CS	"Computer Networks," A.S. Tanenbaum, PRENTICE-HALL INT., USA, XP-002147300(1998), Sec. 5.2- Sec. 5.3, pages 309-320
	CT	Kenneth Schultz, et al., "Architectures for Large-Capacity CAMs," Integration, the VLSI Journal, North Holland Publishing Company, Amsterdam, The Netherlands, vol. 18, no. 2, 1 June 1995
	CU	Elm et al., "Functional Memory Array Testing Using Associative Search Algorithms," European Test Conference, 1993, Proceedings to ETC 93, Third, 19-22 April 1993, pp. 139-148

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 58268.00366	SERIAL NO. New Continuation
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Dennis Sungik LEE et al.	
		FILING DATE January 6, 2003	GROUP 2175

	CV	Pao et al., "Efficient Hardware Architecture for Fast IP Address Lookup," INFOCOM 2002, Twenty-First Annual Joint Conference of the IEEE Computer and Communication Societies, Proceedings, IEEE Vol. 2, 23-27 June 2002, pp 555-561, vol. 2
	CW	Elm et al., "Fault Detection and Fault Localization Using IDDQ-Testing in Parallel Testable FAST-SRAMs," VLSI Test Symposium, 1994, Proceedings, 12th IEEE, 25-28 April 1994, pp 380-385

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	